AS-6270

User Guide

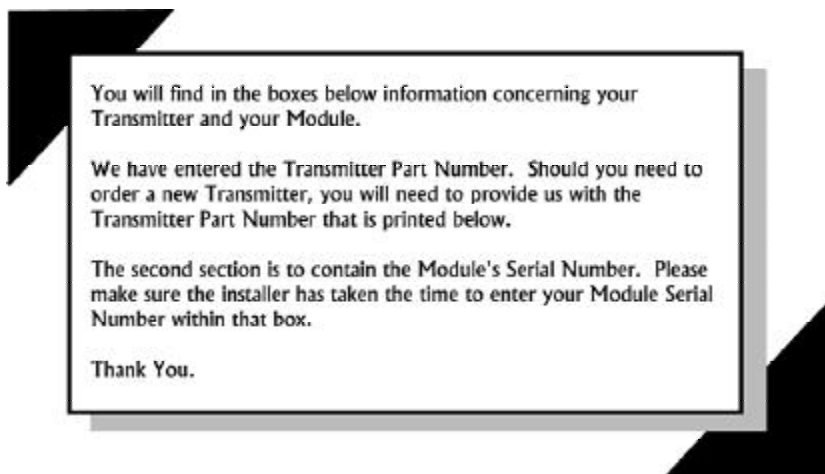|	WARNING
	It is the responsibility of the vehicle operator to ensure their vehicle is parked in a safe and responsible manner. 1. When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in the **NEUTRAL** position and the parking brake is engaged in order to avoid accidents upon remote starting. 2. It is the user's responsibility to ensure that the remote starter is disabled or put into valet mode before servicing.

FCC USER NOTICE (U.S.A.):
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Table of Contents

Transmitter Part Number and Module Serial Number

You will find in the boxes below information concerning your Transmitter and your Module.

We have entered the Transmitter Part Number. Should you need to order a new Transmitter, you will need to provide us with the Transmitter Part Number that is printed below.

The second section is to contain the Module's Serial Number. Please make sure the installer has taken the time to enter your Module Serial Number within that box.

Thank You.

Transmitter Part Number:

The installer is to write in the boxes below the Module's serial number and the location of the Valet Switch.

Module Serial Number:

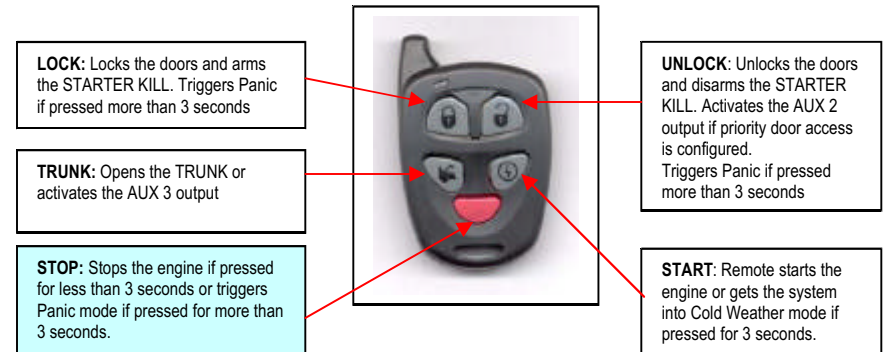Valet Switch is located (if installed):

Introduction

This Module is a state-of-the-art combination of an Alarm system and a remote car starter. It represents a major breakthrough in vehicle security technology and remote starter systems. This unit is distributed with a super-heterodyne antenna with range of up to 1500 feet / 450 m.

Basic Remote Operation

This system is equipped with a 5-button multi-channel transmitter. It can operate two independent identically-equipped vehicles (see **Multi-Car Operation** for second-car transmitter functions).

The functions of the transmitter are as follows:

LOCK: Locks the doors and arms the STARTER KILL. Triggers Panic if pressed more than 3 seconds

TRUNK: Opens the TRUNK or activates the AUX 3 output

STOP: Stops the engine if pressed for less than 3 seconds or triggers Panic mode if pressed for more than 3 seconds.

UNLOCK: Unlocks the doors and disarms the STARTER KILL. Activates the AUX 2 output if priority door access is configured. Triggers Panic if pressed more than 3 seconds

START: Remote starts the engine or gets the system into Cold Weather mode if pressed for 3 seconds.

Note: Pressing the LOCK and UNLOCK buttons at the same time will activate the AUX 2 output.

Remote-starting Your Vehicle
Setting Your Vehicle Into Ready Mode
In order to start the vehicle by remote, the unit must first be set to Ready Mode. If the unit is not set to Ready Mode, it cannot remote-start the vehicle.

Once the system is set to Ready Mode, the vehicle can be remote-started and stopped at wish.

To set the system to Ready Mode:

1. Ensure that all the doors are closed and that the shifter is in the NEUTRAL position.
2. With the engine already running, apply the parking brake and release the brake pedal.

Make sure to release the brake pedal.

3. Within 20 sec. press LOCK, UNLOCK or START on the transmitter.

The parking lights will flash 3 times quickly and remain lit.

4. Remove the key: the engine will go on running.
5. Exit the vehicle and close the door.
6. Press and hold either:
   a. LOCK to lock the doors and shut down the engine;
   b. UNLOCK to unlock the doors and shut down the engine;
   c. STOP to shut down the engine without affecting the doors.

Remaining In Ready Mode

Once the vehicle is in Ready Mode you can start and stop the vehicle at wish. However, should any of the following occur, the vehicle will exit Ready Mode – thus eliminating the remote start option until Ready Mode is restored:

1. Door opened;
2. Hood opened;
3. Brake pedal pressed;
4. Parking brake disengaged;
5. Ignition key turned to the IGNITION ON (RUN) position.

Note: The unit will notify the user that it has exited Ready Mode by giving 3 slow flashes (parking lights).

Remote-starting

Press the START button for approx. 1 second. The parking lights will come ON, informing you that the unit has received your signal. The engine will start approx. 5 seconds later. The parking lights will remain ON during the pre-programmed run time.

If the vehicle doesn't start at the first attempt, the system will shut down.

Vehicle Presets

Heater & Heated Seat

When leaving the vehicle it is recommended to preset the accessory controls in preparation for the next remote start. Settings for the blower motor (fan), front and rear, as well as heated seats (if equipped) should not be left on HIGH. It is recommended to leave the settings on LOW or MEDIUM instead.

Windshield Wipers & Radio & Headlights

Certain vehicles require the radio and / or windshield wiper and / or headlight circuits to become energized while running under remote start. When leaving the vehicle you must ensure that the windshield wiper and headlight switches are OFF. Leaving the headlight switch ON on certain vehicles could cause them to remain ON even after remote starter shut down, resulting in a dead battery.

Parking Lights Flash Rate (Normal Operation)

Flashes	Description	
1	• Doors locked, Alarm and starter kill armed. • Run time has expired. • TRUNK button pressed.	• Start signal received by the module. • Cold weather mode cancelled.
2	• Remote start attempt cancelled by remote. • Doors unlocked, starter kill disarmed. • Exiting ignition valet	• Exiting remote valet • Power-up reset.
3	• Entering cold weather mode • Entering ignition valet • Entering or exiting Ready Mode	• Entering remote valet. • Entering extended run time.
3 slow flashes…	…after a failed start attempt	The module did not detect a tach signal.
4	• +12 V detected on the brake input wire either while cranking or during run time. • Entering multi-speed tach programming.	
5 Slow	• Start attempt failed because no tach signal has been programmed.	
5 Fast	• Tach signal programmed. • New transmitter programmed.	
6	• A remote start was attempted while a tach-before-crank signal was detected before cranking.	
8	• Unit reset see "Resetting the Module" (p.2)	
10	• A ground (-) signal was detected on the hood pin input wire.	
1 – pause – 2	• There was a remote start attempt while the vehicle was in valet mode. • Failed start: vehicle's low battery voltage.	
2 – pause – 2	• There was an attempt to start the vehicle while the module was in valet mode.	
ON SOLID for 3 seconds….	…followed by 1 flash	Exiting cold weather mode
	…followed by 3 flashes	Entering cold weather mode
ON continuously	• **Idle mode:** Idle mode is engaged • **Run time:** The vehicle has been remote started and is in run time.	
ON continuously	While the brake pedal is pressed.	•Confirms that cold weather mode is engaged
ON 2 seconds	• The hood has been opened and a ground (-) signal has been detected on the hood pin input wire.	
ON 4 seconds	• Locking or unlocking a door (with Door pulses configured to 4 sec.)	
ON 20 seconds	• The hood pin has been flashed and you now have access to the programming options.	
ON 25 SEC.	• The Hood Pin-switch has been pressed twice: the Unit went into step 1 of the Programming Centre procedure, and no Transmitter activity was detected for 20 seconds. • Or the Unit went into step 1 of the Transmitter Programming procedure and no activity was detected for a few seconds. The Unit has exited the Transmitter Programming procedure. • Panic Mode is activated.	
CONSTANT FLASHES UP TO 60 SEC.	• In Siren or Horn Mode: Alarm condition generated by an intrusion, or when the System is powered up.	

Diagnostics – Chirps Diagnostics – Parking Lights

Chirps	Description
1	• Lock and arm the system. • **LOCK** confirmation. • Entering Mode 1 in the programming options. • Start attempt when engine is already running under remote control.
2	• Unlock and disarm. • Transmitter learnt. • Entering Remote Valet. • Entering Mode 2 in programming options.
3	• Lock and arm – a zone is unprotected. • Entering Mode 3 in the programming options.
4	• Unlock and disarm – an intrusion occurred. • Entering Tach Learning procedure. • Entering Mode 4 in the programming options.
5	• Siren or Horn Chirp Timing adjustment.
Constant up to 60 seconds	• In Siren Mode: alarm condition generated by an intrusion, by Panic Mode or when the Module is powered up. The Siren will sound for 60 sec.
Constant up to 30 seconds	• In Horn Mode: alarm condition generated by an intrusion, by Panic Mode or when the Module is powered up. The Horn will sound for 30 sec.

Driving Off

With the vehicle running under remote control, press the **UNLOCK** button to **DISARM** and **UNLOCK** the doors. Enter the vehicle and do the following:

Turn the ignition key to the **IGNITION ON (RUN)** position. (**Do not** turn the key to the Start position while the engine is running. This will cause the starter motor to re-engage.)

Press the brakes to disengage the remote starter unit.

You are now ready to drive off.

Idle Mode

Convenience feature: Idle Mode allows you to keep the engine running and the doors locked while you stop, for example, at a convenience store or for a short delivery.

This feature allows you to let the remote starter take over control of the vehicle (i.e. no Key in the Ignition Switch) while the engine is running. For example, if you stop for a delivery or at a convenience store, lock your vehicle and leave it running for the length of a run cycle while you are away.

The engine will go on running until the user re-enters the vehicle or until the expiration of the Engine Run Time.

Idle Mode can be activated through the same routine as that used for Ready Mode; at the last step, the **TRUNK** button is pressed instead of the other buttons:

1. Ensure that all the Doors are closed and that the Shifter is in the Neutral position.
2. With the Engine already running, apply the Parking Brake and release the Brake Pedal.
   Make sure to release the brake pedal.
3. Within 20 sec. Push **LOCK**, **UNLOCK** or **START** on the Transmitter.
   The parking lights will flash 3 times quickly and remain lit.
4. Remove the key: the Engine will go on running.
5. Exit the vehicle and close the Door.
6. Press the **TRUNK** button until the system is armed (the doors will be locked if remote door lock is installed).

If the pre-programmed run-time expires or if the user shuts down the engine by remote control, the vehicle will get in Ready Mode.

Caution: Do not leave children or pets unattended in a car running in Idle Mode.

Valet Mode

The system can be placed in Valet Mode to disable the remote starting capabilities. If the vehicle needs to be serviced, or if you park it indoors, the Valet Mode will prevent the engine from being remote-started accidentally.

To put the system *into* Valet Mode:

1. Turn the key to the **IGNITION ON (RUN)** position.
2. Within 3 sec. press the Valet button and release it, the Parking lights will flash 3 times. Turn the **IGNITION OFF**, the LED will come **ON**. (The system is in Valet Mode.)

To take the system *out of* Valet Mode:

1. Turn the key to the **IGNITION ON (RUN)** position.

2. Within 3 sec. press and release the Valet button, the Parking Lights will flash tiwce. The LED will go OUT. (The system is out of Valet Mode.)

The Valet button can only be used if the ignition key is in the IGNITION ON (RUN) position.

Ignition Valet

The system can be placed in Valet Mode to disable the remote starting capabilities. If the vehicle needs to be serviced, or if you park it indoors, Valet Mode will prevent the engine from being accidentally started by remote control.

To ENTER Valet Mode
1. With the key in the Ignition switch, turn the key to the ON (RUN/IGNITION) and then OFF positions 5 times within 10 seconds.
2. The Parking Light will flash 3 times indicating the Module is now in Valet Mode. The LED will turn ON solid.

To EXIT Valet Mode
1. With the key in the Ignition switch, turn the key to the ON (RUN/IGNITION) and then OFF positions 5 times within 10 seconds.
2. The Parking Light will flash twice indicating the Module is now out of Valet Mode. The LED will turn OFF.

Remote Valet

This feature will put your vehicle into Valet Mode using the remote transmitter instead of the Valet button as above.

> **Note:** Once the Electronic Valet is activated, the remote starter and Alarm features are disabled.

To put the system *into* Valet Mode:

1. Hold down the UNLOCK and START buttons simultaneously for 3 seconds.
2. **The Parking Lights will flash 3 times.**
   The siren will chirp twice and the LED will come ON.

To take the system *out of* Valet Mode:

1. Hold down the UNLOCK and START buttons simultaneously for 3 seconds.
2. **The Parking Lights will flash 2 times.**
The siren will chirp twice, then pause, then chirp twice again, and the LED will go OUT.

"Home Valet" ™ Mode

This safety feature will remotely place the vehicle into a no-remote-start mode: if the vehicle is parked indoors there is no danger of the vehicle starting by accident with the remote control.

> **Note:** Once the Home Valet Mode is activated, the vehicle will not start by remote.

To *activate* the Home Valet Mode:
Press the LOCK or UNLOCK button.
Within 3 seconds, press the STOP button until the parking lights go **out**.

To *disable* the Home Valet Mode:
Turn the ignition key to the IGNITION ON (RUN) position.

The system will warn you if someone attempts to start your vehicle while it stands in Home Valet Mode. The parking lights will:

Pedal.
Make sure to release the brake pedal.

3. Within 20 sec. Press LOCK, UNLOCK or START on the transmitter.
The parking lights will flash 3 times quickly and remain lit.

4. Remove the key: the engine will go on running.

5. Exit the vehicle and close the door.

6. Press and hold either:

a. LOCK to lock the doors and shut down the engine after 60 sec.;

b. UNLOCK to unlock the doors and shut down the engine after 60 sec.;

c. STOP to shut down the engine immediately, without affecting the doors

   (this will by-pass Turbo Mode).

d. TRUNK TO SET THE VEHICLE INTO IDLE MODE

Engine Run Time
If you have a gas engine, your system can be programmed to run the engine for 3, 15, or 25 minutes (15 min default). If you have a diesel engine, it can be programmed to run the engine for 8, 20, or 30 minutes (20 min default).

Extended Run Time
With the vehicle running under a remote start, pressing and holding the START button for more than 1 seconds will reset the run time counter to zero and restart the run time cycle from the beginning.
To stop the vehicle, at any moment, simply press the STOP button. This procedure can only be carried out once per remote start.
Example: if your Module is programmed for a run time of 3 minutes and your vehicle has been running for 2 minutes already, pressing the START button will reset the counter to zero and the Engine will run for another cycle (in this case, 3 minutes).

Multi-Car Operation
This option allows the owner of two vehicles, both equipped with identical systems, to control both systems with only one remote transmitter. To control the second vehicle, simultaneously press the TRUNK button and the button of the function you wish to use:

Press TRUNK + LOCK button simultaneously:	LOCK
Press TRUNK + UNLOCK:	UNLOCK
Press TRUNK + START:	START
Press TRUNK + STOP:	STOP
Press TRUNK + START for 3 sec:	COLD WEATHER MODE

Car Finder

When enabled, the Car Finder option will help you locate your vehicle by sending a pulsating signal through the horn or the siren. To hear the signal, **press the LOCK and UNLOCK buttons** simultaneously. This will produce a pulsating signal for the time you keep the buttons pressed.

Open Zone Notification:

(Off by default.) This feature will warn the user when a Door is left open: upon the arming of the Module, a 10-sec. notification delay will take place, after which the Siren will chirp 3 times if an open door is detected.

Ignition-Controlled Door Locks

This is an added security feature. If your system was installed with the Ignition-Controlled Door Locks option, the doors will automatically be locked as soon as the key is turned to the IGNITION ON (RUN) position while the brakes are pressed. When the key us turned to the OFF position, the doors will automatically be unlocked.

Ignition Re-Lock

When the Ignition-Controlled Door Locks option is enabled and the ignition is ON, should any door be unlocked and opened, all the doors will be re-locked next time the brake pedal is pressed.

Secure Lock

This is an added security feature. If your system was installed with the Secure Lock option, it will automatically lock your doors and arm the system 4 seconds after your start your car by remote. The system will automatically lock the doors again after shut-down.

Remote Trunk Release

If your system was installed with the Remote Trunk Release, you can open your trunk by pressing the TRUNK button for 3 sec. on the transmitter, or by pressing the TRUNK button **twice** within 3 sec.

Starter Kill

This added security feature will immobilize your vehicle when the system is armed. If your system was installed with the Starter Kill option, you will not be able to start your vehicle with the key unless the system has been disarmed first.

The Starter Kill option follows the Alarm arming function, and can therefore be programmed to be **active** (will not arm automatically) or **passive** (will arm automatically).

In **passive** Mode, the Starter Kill can be set to arm automatically in 30 seconds either with or without Siren chirps.

To **disarm** the Starter Kill, press and hold the UNLOCK button on the transmitter. The parking lights will flash twice. (If door locks were installed, this will also unlock the doors.)

In **passive** Mode, the system will automatically re-arm itself 30 seconds after unlocking the doors if the key has not been inserted in the ignition by then.

To **arm** the Starter Kill, press and hold the LOCK button on the transmitter. The parking lights will flash once. (If the door locks were installed, this will also lock the doors.)

Turbo Mode

If Turbo Mode is configured at installation, it will allow a turbocharger to idle down after the user leaves the vehicle: the unit will take over the vehicle and keep it running for 60 seconds (or until it is shut down by remote control), then shut down the engine and set the Remote Car Starter to Ready Mode.

Follow all steps of the Ready Mode routine, to activate Turbo Mode:

1. Ensure that all the doors are closed and that the shifter is in the neutral position.
2. With the engine already running, apply the parking brake and release the brake

Go ON then OFF; then
Flash **twice**, pause; then
Flash **twice** again.

Panic Mode

Safety feature: Activate Panic Mode in an emergency situation.

In an emergency situation, you can activate Panic Mode using the LOCK or UNLOCK or STOP button. This will:

Shut down the engine,	Disarm the Starter Kill and
Unlock the doors (if UNLOCK is pressed)	Activate the siren for 1 minute.
Or lock the door (if LOCK is pressed),	*(See below for a description of the Starter Kill.)*

To activate Panic Mode

Press and hold the STOP button for approximately 3 seconds until the siren starts to sound and the parking lights flash

Or press and hold the UNLOCK button for approximately 3 seconds until the siren starts to sound and the parking lights flash: this will unlock the doors before the siren sounds.

Or press and hold the LOCK button for approximately 3 seconds until the siren starts to sound and the parking lights flash: this will lock the doors before the siren sounds.

Panic Mode will automatically shut down after 1 minute.

Note: To stop Panic Mode before the 1-minute delay, press the LOCK or UNLOCK button until the siren stops.

Quick Lockout^{TM}

(Also called **Secure Panic**.) For fast protection, the system will LOCK all doors when you press the **brake pedal while the siren is sounding**. (**Quick Lockout** is only available when *Panic* has been activated.)

Cold Weather Mode

Ready mode should be set before entering Cold Weather. When the Cold Weather Mode is active, the engine starts every 2 hours and runs for 3 minutes (or for 8 or 20 minutes with Diesel engines); the routine will go on for a period of 24 hours.

To *enter* Cold Weather Mode:

Press and hold the START button for 3 seconds until the parking lights flash 3 times. (If Safe Start is enabled, the START button must be pressed beforehand – see below.)

To *enter* Cold Weather Mode if Safe Start has been activated:

Press and hold the START button for 3 seconds until the parking lights flash 3 times.

To *exit* Cold Weather Mode, do any one of the following:

Open the hood.
Start the engine using the remote control.
Turn the ignition key to the IGNITION ON (RUN) position.
Press and hold the START button for 3 seconds. (The parking lights will flash once.)

To check whether Cold Weather Mode is active, press and release the brake pedal: the parking lights should stay on while your foot is on the brake pedal.

Priority Door Access

This safety feature lets you unlock only the driver's door when you press the UNLOCK button on the transmitter, and then UNLOCK the rest of the vehicle doors if the UNLOCK button is pressed for a second time within 3 seconds.

Chirp Delete

To temporarily disable the siren's chirp confirmations upon arming and disarming (e.g. in a quiet neighbourhood):

1. Press the TRUNK button, the Parking Light will flash once

2. Within 3 seconds, press the LOCK or UNLOCK button to arm or disarm without any chirps.

> **Note:** Your installer can program the Chirps Disabled feature if you want the chirps to be permanently disabled.

Shock Delete

The shock sensor can be temporarily disabled. **To temporarily disable shock and warn-away sense**:

Press the TRUNK button and, within 3 seconds,
Press the STOP button.

Shock senses will now be ignored until the next disarming of the system.

User-selectable Options

The system was designed with flexibility and OEM integration in mind. With its programmable options, this unit can single-handedly control nearly any electrical system in your vehicle.

> **Note:** The programming of your system should be left to a professional. Changing any one of the settings may affect the operation of your system.

The user-selectable options are as follows:

Safe Start	Ignition Re-Lock
Remote Door Locks	Secure Lock
Passive or Active Arming	Remote Trunk Release
Disarm Notification	Starter Kill
Shock Sense and Warn-Away Sense	Engine Run Time
Siren Chirps	Multi-Car Operation
Ignition-Controlled Door Locks	

Safe Start

> **Safety feature:** Safe Start features will prevent accidental remote starts.

If this feature is enabled, the user must press the START button 2 times within 3 seconds to remote-start the vehicle.

If **Swap Start** Mode has been configured by your installer, to remote-start your vehicle press LOCK and UNLOCK simultaneously. (Press START to trigger the AUX 2 output.)

Safe Start features will eliminate accidental remote starts, e.g. when there are children playing with the transmitter.

Remote Door Locks

If your system was installed with the Remote Door Locks option, you will have the convenience of remote keyless entry.

To UNLOCK your doors and DISARM the system:
1. Press and hold the UNLOCK button for approx. 1 sec.
2. The parking lights will flash twice and the LED will go out to confirm that the doors have been unlocked, that the Starter Kill feature is disarmed (if it was installed) and that the Alarm is disabled.

To LOCK your doors and ARM the system:
1. Press and hold the LOCK button for approx. 1 sec.
2. The parking lights will flash once and the LED will flash slowly to confirm that the doors have been locked, that the Starter Kill feature is enabled (if it was installed) and that the Alarm is armed.

Passive or Active Arming

By default, the system is configured to **Passive Arming Mode**. In Passive Arming Mode, the Starter Kill and the Alarm will automatically arm **30 seconds** after the last door is closed. The system will not arm itself if a door is left open.

> **Important note:** When the system re-arms automatically or if there is an Alarm condition, you can disarm the system by simply pressing the UNLOCK button.

Disarmed Notification

(OFF by default.) This feature will notify the user when the vehicle was left disarmed: after the Engine has been shut down and all doors have been closed, after 10 seconds the horn will honk once if the doors have been left unlocked.

Shock Sense And Warn-Away Sense

(Both enabled by default.) This system can react to a full shock by triggering the Alarm; it can also respond to a lighter shock (30 % of the strength of a full shock) by giving a *warn-away* (without triggering an Alarm condition). When the Engine is running after a remote start, however, **the system will prevent any Alarm condition to be triggered** ; it will still give a warning sound if *warn-away* is enabled.

Siren Chirps

(On by default.) The siren will chirp to confirm the system's basic operations:

By default, when the doors are being **locked** the siren will give **one chirp** if none of the zones are active.

If a **zone is active** as the doors are being **locked**, the siren will give **three chirps**.

When the doors are being **unlocked**, the siren will give **two chirps** if no intrusion was detected.

If an **intrusion was detected**, as the doors are being **unlocked** the siren will give **four chirps**.

The system can alternatively be set to:

Warning Mode (no chirp during lock/unlock – unless a zone is active when locking, in which case there will be 3 chirp upon locking – or unless the alarm was triggered, in which case there will be 4 chirps when unlocking);

Open Zone Notification (the system will warn for doors opened up to 10 seconds after arming).

No Chirp (the vehicle will not chirp under any circumstance).